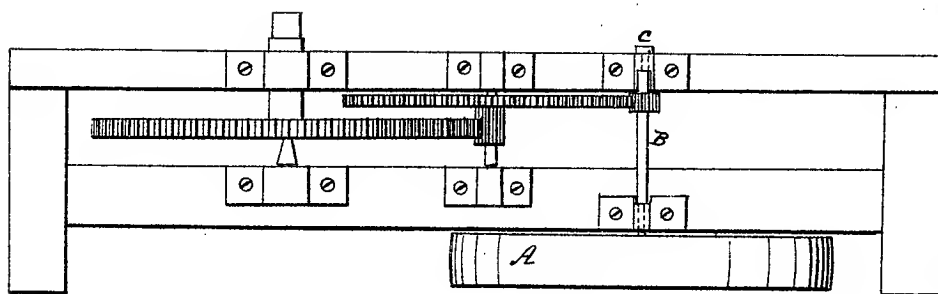


I. Straub,
Horse Power.
No 267. Patented July 11, 1837.



Witnesses,
Thos. P. Jones
Aug. 10, 1837

Inventor
Charles Straub

UNITED STATES PATENT OFFICE.

ISAAC STRAUB, OF LEWISTOWN, PENNSYLVANIA.

MODE OF HANGING OR SUSPENDING A BAND-WHEEL IN THOSE HORSE-POWERS IN WHICH THE BAND IS CONDUCTED UNDER THE FEET OF THE HORSE.

Specification of Letters Patent No. 267, dated July 11, 1837.

To all whom it may concern:

Be it known that I, ISAAC STRAUB, of Lewistown, in the county of Mifflin and State of Pennsylvania, have invented an improved mode of hanging or suspending a band-wheel in that kind of horse-power in which it is intended to conduct the band under the feet of the horse; and I do hereby declare that the following is a full and exact description thereof.

The sweep to which the horse is attached, and the gearing by which the main vertical shaft is connected to the band wheel, may be constructed in any of the known variety of ways, as my improvement is applicable in all cases where it is intended to conduct the band, by which a threshing, or other, machine is to be driven, through trunks, or troughs, under the feet of a horse. The band wheel is to revolve beneath the lower longitudinal timber of the frame, and is to be firmly secured to the lower end of the vertical shaft by which it is sustained, and it has no step, or bearing, below it; by which arrangement I am able to hang it lower down, or nearer the ground, than when such lower step, or bearing, is employed. To sus-

tain it, it has two necks, turned perfectly true, one of which is just above the band wheel, and is received by a box, or collar, on the lower longitudinal timber of the frame; the other neck is at the upper end, and is received into a similar box, or collar, on the upper longitudinal timber, or cap plate of the frame. Either the upper or the lower neck of the shaft may be enlarged, just above the collar in which it runs, so as to give it a broader, and more permanent bearing.

For a further illustration of my improvement, I refer to a drawing thereof deposited by me in the Patent Office.

What I claim as constituting my improvement in the band wheel of a horse power, is—

The sustaining it by necks and collars, placed above the wheel, and without any step, or bearing below it, in the manner and for the purpose, herein set forth.

ISAAC STRAUB.

Witnesses:

THOS P. JONES,
W. THOMPSON.